

# KEY U.S. AEROSPACE STATISTICS

(in billions of current dollars, unless otherwise noted)

(Revised: 21 April 2010)

	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
<b>INDUSTRY DATA<sup>1</sup></b>							
<b>Value of Aerospace Shipments</b>							
Current dollars	\$121.0	\$121.0	\$137.3	\$142.4	\$178.2	\$178.7	\$188.6 e
Constant dollars (2002=100)	117.3	113.3	122.7	122.5	148.6	143.3	148.0 e
Real Growth	-5.9%	-3.5%	8.3%	-0.1%	21.3%	-3.6%	3.2%
<b>Value of Aircraft &amp; Parts Shipments</b>							
Current dollars	\$102.9	\$105.9	\$114.1	\$124.4	\$157.4	\$156.4	\$161.8
Constant dollars (2002=100)	99.4	98.3	102.8	107.3	131.6	125.5	127.1
Real Growth	-9.1%	-1.1%	4.5%	4.4%	22.7%	-4.7%	1.3%
<b>Industrial Production Index (2002=100)<sup>1,2,r</sup></b>							
Aerospace Products & Parts	94.3	91.0	103.6	110.1	123.6	122.5	122.9
Aircraft & Parts	92.0	91.2	99.0	111.6	214.6	124.2	124.2
Defense & Space Equipment	106.7	104.7	115.8	113.4	117.6	120.6	120.9
<b>Employment (annual average)<sup>3</sup></b>							
Total Employment (000s)	442.1	441.5	455.5	474.1	489.2	506.5	492.8
Growth	-13.5%	-0.1%	3.2%	4.1%	3.2%	3.5%	-2.7%
Production Workers (000s)	204.4	198.3	212.8	253.4	289.8	303.0	292.7
Growth	-16.4%	-3.0%	7.3%	19.1%	14.4%	4.6%	-3.4%
<b>Trade<sup>1</sup></b>							
Value of Exports*	\$51.2	\$50.2	\$59.9	\$72.1	\$79.8	\$80.2	\$78.4 e
Exports/Shipments	42.3%	41.5%	43.6%	50.6%	44.8%	44.9%	41.5%
Value of Imports	\$24.3	\$24.7	\$26.5	\$29.1	\$35.7	\$35.8	\$31.1
Apparent Domestic Consumption	94.1	95.5	103.9	99.4	134.1	134.3	141.4
Imports/Apparent Consumption	25.8%	25.8%	25.5%	29.3%	26.6%	26.6%	22.0%
Balance of Trade	\$26.9	\$25.5	\$33.4	\$43.0	\$44.1	\$44.4	\$47.2
<b>PRODUCT DATA</b>							
<b>Value of Aerospace Shipments<sup>1</sup></b>							
Current dollars	\$115.7	\$117.6	\$133.5	\$141.8	\$170.6	\$172.7	\$183.0 e
Constant dollars (2002=100)	112.2	110.1	119.3	122.1	142.3	138.5	143.5 e
Real Growth	-5.9%	-1.9%	8.3%	2.3%	16.6%	-2.7%	3.6%
<b>Trade<sup>4</sup></b>							
Total Aerospace Exports*	\$53.0	\$52.9	\$62.6	\$75.0	\$83.3	\$83.3	\$81.5
Total Aerospace Imports	25.3	25.6	27.4	30.3	36.7	37.7	32.9
Balance of Total Aerospace Trade	\$27.8	\$27.3	\$35.2	\$44.6	\$46.6	\$45.7	\$48.6
<b>Foreign Markets [Top Five]<sup>4</sup></b>							
	Japan	France	France	Japan	France	Japan	France
	UK	Japan	Japan	France	Japan	UK	UK
	France	UK	UK	UK	UK	France	Japan
	Singapore	Canada	China	China	Canada	Canada	Germany
	Canada	Singapore	Canada	Canada	Germany	Germany	China
% Total Exports	40.0%	42.0%	40.2%	36.1%	38.3%	39.3%	37.2%
<b>Suppliers to United States [Top Five]<sup>4</sup></b>							
	Canada	Canada	Canada	France	France	France	France
	France	France	France	Canada	Canada	Canada	Canada
	UK	UK	UK	UK	UK	UK	UK
	Germany	Brazil	Germany	Germany	Japan	Germany	Germany
	Brazil	Germany	Japan	Japan	Germany	Japan	Japan
% Total Imports	82.2%	80.2%	77.7%	78.0%	76.6%	74.1%	78.0%

<sup>1</sup>NAICS 33641 Aerospace Product and Parts Manufacturing only.

Preliminary figures are from the M3-I report, others are from Census of Manufactures and Annual Surveys.

<sup>2</sup>Federal Reserve Board, 2002=100, not seasonally adjusted

<sup>3</sup>Bureau of Labor Statistics, NAICS 33641 (annual average)

<sup>4</sup>Includes avionics and other aerospace parts not in NAICS 33641

<sup>5</sup>Census made a major revision to export data for civil aircraft, engines, equipment and parts in 2009, effecting the years 2004-8.

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

e=estimated

p=preliminary

r=revised

n/a=not available

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	1996 <sup>r</sup>	1997 <sup>r</sup>	1998 <sup>r</sup>	1999 <sup>r</sup>	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>
<b>INDUSTRY DATA<sup>1</sup></b>							
<b>Value of Aerospace Shipments</b>							
Current dollars	\$101.3	\$120.4	\$137.4	\$139.0	\$127.6	\$133.7	\$124.7
Constant dollars (2002=100)	113.2	132.8	150.7	150.9	133.9	136.1	124.7
Real Growth	-1.3%	17.3%	13.5%	0.2%	-11.3%	1.6%	-8.4%
<b>Value of Aircraft &amp; Parts Shipments</b>							
Current dollars	\$83.4	\$100.1	\$116.8	\$120.2	\$111.7	\$118.6	\$109.4
Constant dollars (2002=100)	92.5	109.7	127.1	129.9	117.0	120.1	109.4
Real Growth	-0.1%	18.6%	15.9%	2.2%	-9.9%	2.6%	-8.9%
<b>Industrial Production Index (2002=100)<sup>1,2,r</sup></b>							
Aerospace Products & Parts	94.3	106.8	126.5	119.3	100.3	109.9	100.0
Aircraft & Parts	89.4	102.2	125.0	115.5	102.5	111.0	100.0
Defense & Space Equipment	102.0	100.7	105.0	102.1	92.1	100.3	100.0
<b>Employment<sup>3</sup></b>							
Total Employment [000s]	514.2	554.9	578.6	547.1	516.7	510.9	470.3
Growth	9.2%	7.9%	4.3%	-5.4%	-5.6%	-1.1%	-7.9%
Production Workers [000s]	249.9	283.5	297.8	273.7	247.8	244.4	219.4
Growth	13.0%	13.4%	5.0%	-8.1%	-9.5%	-1.4%	-10.2%
<b>Trade<sup>1</sup></b>							
Value of Exports	\$38.6	\$48.3	\$61.4	\$60.0	\$52.7	\$56.4	\$54.6
Exports/Shipments	38.1%	40.1%	44.7%	43.2%	41.3%	42.2%	43.8%
Value of Imports	\$13.1	\$17.3	\$22.3	\$24.1	\$27.0	\$31.7	\$25.9
Apparent Domestic Consumption	75.8	89.5	98.3	103.1	101.9	109.0	96.0
Imports/Apparent Consumption	17.3%	19.4%	22.7%	23.4%	26.5%	29.1%	27.0%
Balance of Trade	\$25.5	\$30.9	\$39.1	\$35.9	\$25.7	\$24.8	\$28.7
<b>PRODUCT DATA</b>							
<b>Value of Aerospace Shipments<sup>1</sup></b>							
Current dollars	\$94.8	\$114.6	\$131.0	\$132.1	\$121.6	\$127.8	\$119.3
Constant dollars (2002=100)	106.0	126.3	143.6	143.4	127.6	130.0	119.3
Real Growth	-2.8%	19.2%	13.7%	-0.1%	-11.0%	1.9%	-8.3%
<b>Trade<sup>4</sup></b>							
Total Aerospace Exports	\$40.3	\$50.6	\$64.1	\$62.4	\$54.7	\$58.5	\$56.9
Total Aerospace Imports	13.4	17.8	23.4	25.5	28.3	33.0	27.3
Balance of Total Aerospace Trade	\$26.9	\$32.8	\$40.7	\$36.9	\$26.5	\$25.5	\$29.6
<b>Foreign Markets [Top Five]<sup>4</sup></b>							
	Japan	UK	UK	UK	UK	UK	France
	UK	Japan	Japan	France	France	France	Japan
	Canada	Canada	Saudi Arabia	Germany	Germany	Germany	UK
	Korea	France	France	Japan	Japan	Singapore	China
	France	Saudi Arabia	Germany	Canada	Canada	Canada	Singapore
% Total Exports	35.8%	39.0%	42.4%	42.2%	43.4%	41.8%	38.6%
<b>Suppliers to United States [Top Five]<sup>4</sup></b>							
	Canada	Canada	France	France	France	France	France
	France	France	UK	Canada	Canada	Canada	Canada
	UK	UK	Canada	UK	UK	UK	UK
	Japan	Japan	Japan	Germany	Germany	Germany	Germany
	Germany	Germany	Germany	Japan	Japan	Japan	Brazil
% Total Imports	80.8%	81.7%	82.2%	82.9%	84.4%	83.9%	82.7%

<sup>1</sup>NAICS 33641 Aerospace Product and Parts Manufacturing only.

<sup>2</sup>Federal Reserve Board, 2002=100, not seasonally adjusted

<sup>3</sup>Bureau of Labor Statistics, NAICS 33641 (annual average)

<sup>4</sup>Includes avionics and other aerospace parts not in NAICS 33641

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

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	1989	1990	1991	1992	1993	1994	1995
<b>INDUSTRY DATA<sup>1</sup></b>							
<b>Value of Aerospace Industry Shipments<sup>1</sup></b>							
Current dollars	\$110.6	\$125.8	\$132.2	\$131.3	\$110.3	\$116.3	\$100.1
Constant dollars (2002=100)	155.1	168.2	170.1	163.1	133.4	136.6	114.6
Real Growth		8.4%	1.1%	-4.1%	-18.2%	2.4%	-16.1%
<b>Value of Aircraft &amp; Parts Shipments<sup>1</sup></b>							
Current dollars	\$81.9	\$95.2	\$103.1	\$105.2	\$92.3	\$84.6	\$81.4
Constant dollars (2002=100)	117.3	129.5	132.8	129.4	110.8	98.8	92.5
Real Growth		10.4%	2.6%	-2.6%	-14.3%	-10.8%	-6.4%
<b>Industrial Production Index (2002=100)<sup>1,2,r</sup></b>							
Aerospace Products & Parts	135.4	135.8	131.9	119.5	109.4	95.5	90.1
Aircraft & Parts	116.5	117.7	119.2	110.0	99.8	88.6	83.9
Defense & Space Equipment	147.1	142.0	131.5	121.9	115.2	108.3	105.4
<b>Employment<sup>3</sup></b>							
Total Employment [000s]	905.1	897.4	836.8	758.1	665.7	589.0	548.7
Growth	1.5%	-0.9%	-6.8%	-9.4%	-12.2%	-11.5%	-6.8%
Production Workers [000s]	403.4	401.5	372.0	331.7	287.4	252.7	235.3
Growth	2.4%	-0.5%	-7.3%	-10.8%	-13.4%	-12.1%	-6.9%
<b>Trade<sup>1</sup></b>							
Value of Exports	\$38.6	\$48.3	\$61.4	\$60.0	\$52.7	\$56.4	\$54.6
Exports/Shipments	34.9%	38.4%	46.5%	45.7%	47.8%	48.5%	54.6%
Value of Imports	\$13.1	\$17.3	\$22.3	\$24.1	\$27.0	\$31.7	\$25.9
Apparent Domestic Consumption	85.1	94.9	93.1	95.4	84.6	91.6	71.3
Imports/Apparent Consumption	15.4%	18.3%	24.0%	25.3%	31.9%	34.6%	36.3%
Balance of Trade	\$25.5	\$30.9	\$39.1	\$35.9	\$25.7	\$24.8	\$28.7
<b>PRODUCT DATA</b>							
<b>Value of Aerospace Shipments<sup>1</sup></b>							
Current dollars	\$106.3	\$118.1	\$124.1	\$122.8	\$110.3	\$97.0	\$95.2
Constant dollars (2002=100)	149.1	157.9	159.7	152.5	133.4	113.8	109.0
Real Growth		5.9%	1.2%	-4.5%	-12.6%	-14.6%	-4.2%
<b>Trade<sup>4</sup></b>							
Total Aerospace Exports	\$32.1	\$39.1	\$43.8	\$45.0	\$39.4	\$37.4	\$33.1
Total Aerospace Imports	10.4	11.9	13.3	14.3	12.4	12.9	12.1
Balance of Total Aerospace Trade	\$21.7	\$27.2	\$30.5	\$30.7	\$27.0	\$24.5	\$21.0
<b>Foreign Markets [Top Five]<sup>4</sup></b>							
	UK	UK	France	Japan	Japan	Japan	Japan
	Germany	Japan	UK	France	UK	UK	UK
	France	France	Germany	UK	France	France	Korea
	Japan	Germany	Japan	Germany	China	China	Canada
	Canada	Canada	Canada	Canada	Taiwan	Singapore	Netherlands
% Total Exports	44.4%	44.8%	42.0%	38.2%	34.2%	38.6%	39.3%
<b>Suppliers to United States [Top Five]<sup>4</sup></b>							
	France	France	France	France	France	France	France
	UK	UK	Canada	UK	UK	UK	Canada
	Canada	Canada	UK	Canada	Canada	Canada	UK
	Japan	Germany	Netherlands	Netherlands	Netherlands	Germany	Germany
	Germany	Japan	Japan	Japan	Japan	Japan	Japan
% Total Imports	80.9%	78.7%	78.3%	80.6%	82.5%	83.7%	80.6%

<sup>1</sup>NAICS 33641 Aerospace Product and Parts Manufacturing only.

<sup>2</sup>Federal Reserve Board, 2002=100, not seasonally adjusted

<sup>3</sup>Bureau of Labor Statistics, NAICS 33641 (annual average)

<sup>4</sup>Includes avionics and other aerospace parts not in NAICS 33641

Sources: U.S. Department of Commerce, Bureau of the Census and ITA; U.S. Department of Labor, Bureau of Labor Statistics; Federal Reserve Board

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